

## PLASMA TREATMENT OF POROUS MATERIALS

### ABSTRACT

5        The application discloses methods of plasma treatment that employ an ion sheath in a capacitively-coupled system to increase the hydrophilicity of porous articles, including microporous articles having pore sizes of 0.05 to 1.5 micrometers, both on their surfaces and in their pores such that the articles' bulk wetting properties are improved.